

10620625

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAplus records now contain indexing from 1907 to the present
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded
NEWS 5 SEP 29 DISSABS now available on STN
NEWS 6 OCT 10 PCTFULL: Two new display fields added
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9 NOV 24 MSDS-CCOHS file reloaded
NEWS 10 DEC 08 CABAB reloaded with left truncation
NEWS 11 DEC 08 IMS file names changed
NEWS 12 DEC 09 Experimental property data collected by CAS now available in REGISTRY
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAplus
NEWS 14 DEC 17 DGENE: Two new display fields added
NEWS 15 DEC 18 BIOTECHNO no longer updated
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer available
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS 22 FEB 05 German (DE) application and patent publication number format changes
NEWS 23 MAR 03 MEDLINE and LMEDLINE reloaded
NEWS 24 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 25 MAR 03 FRANCEPAT now available on STN

NEWS EXPRESS MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

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specific topic.

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FILE 'HOME' ENTERED AT 17:23:43 ON 17 MAR 2004

=> fil casreact
COST IN U.S. DOLLARS
SINCE FILE ENTRY
TOTAL SESSION
SESSION
0.21 0.21
0.21

FILE 'CASREACT' ENTERED AT 17:23:54 ON 17 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 14 Mar 2004 VOL 140 ISS 11

Some records from 1974 to 1991 are derived from the ZIC/VINITI data file and provided by InfoChem and some records are produced using some INPI data from the period prior to 1986.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Crossover limits have been increased. See **HELP RNCROSSOVER** for details.

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> Uploading C:\Program Files\Stnexp\Queries\10620625e.str

L1 STRUCTURE UPLOADED

```
=> d
L1 HAS NO ANSWERS
L1           STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
```

Structure attributes must be viewed using STN Express query preparation.

=> S 11 full
FULL SEARCH INITIATED 17:24:21 FILE 'CASREACT'
SCREENING COMPLETE - 6318 REACTIONS TO VERIFY FROM 508 DOCUMENTS

100.0% DONE 6318 VERIFIED 69 HIT RXNS 10 DOCS
SEARCH TIME: 00.00.02

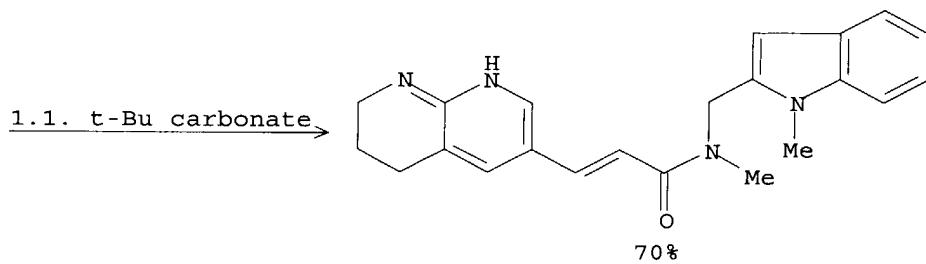
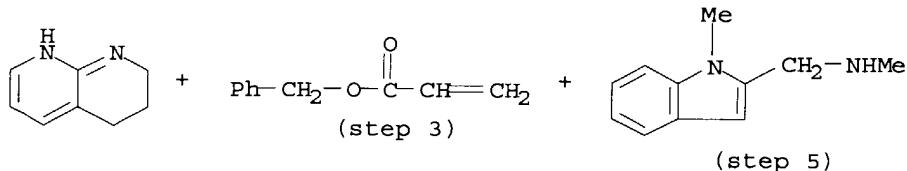
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L2 10 SEA SSS FUL L1 (69 REACTIONS)

=> d l2 1-10

L2 ANSWER 1 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

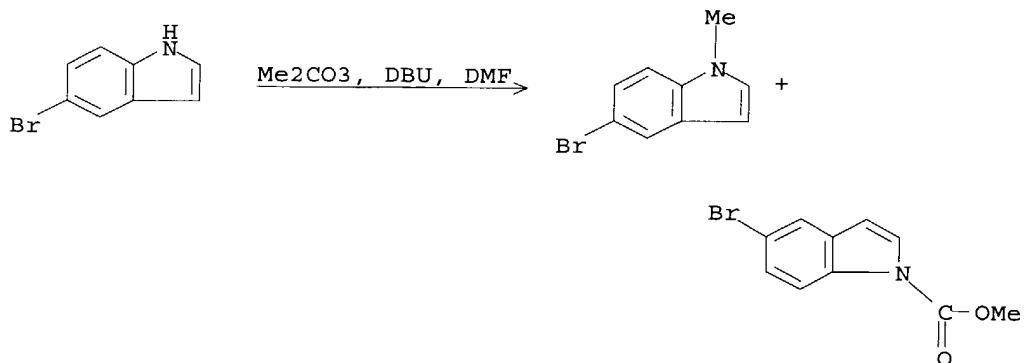
RX(84) OF 134 - 5 STEPS



REF: Journal of Medicinal Chemistry, 46(9), 1627-1635, 2003
NOTE: 3) Heck reaction

L2 ANSWER 2 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

RX(2) OF 14

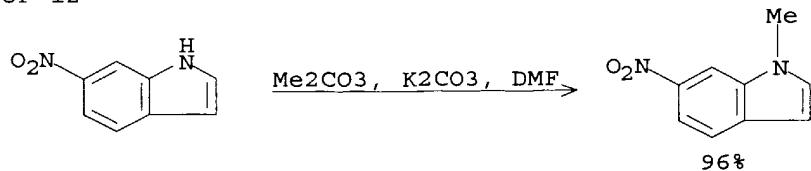


REF: Journal of Organic Chemistry, 68(5), 1954-1957, 2003
NOTE: chemoselective (mostly acylation not alkylation, ratio 84:6), selectivity depends on base

L2 ANSWER 3 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

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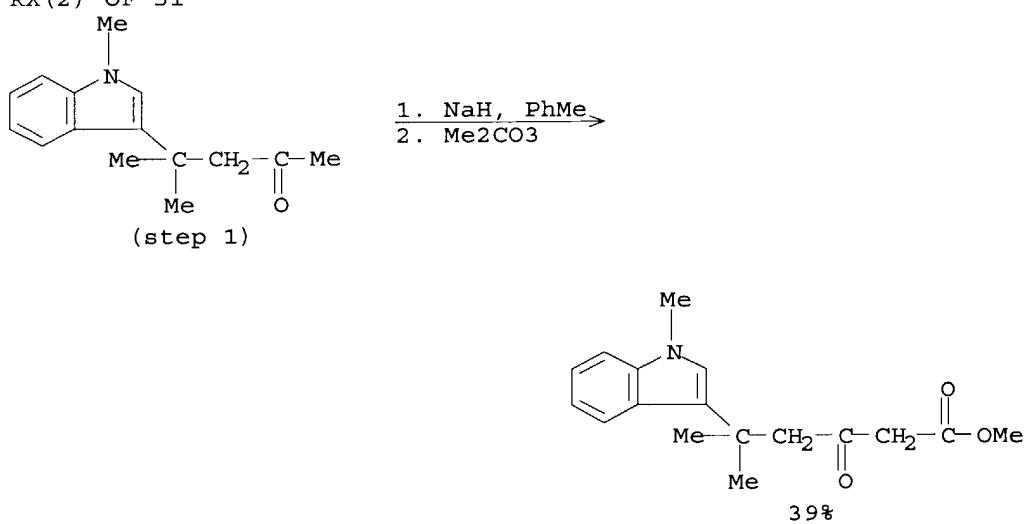
RX(1) OF 12



REF: Organic Process Research & Development, 5 (6), 604-608; 2001
NOTE: green chem.

L2 ANSWER 4 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

RX(2) OF 51

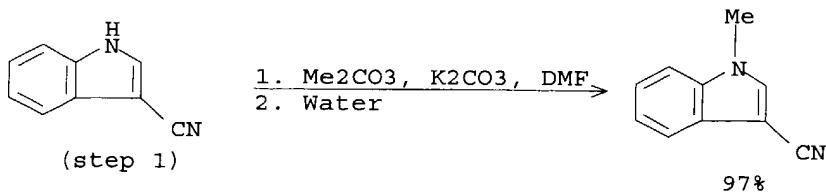


REF: Tetrahedron Letters, 42 (39), 6835-6838; 2001

L2 ANSWER 5 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

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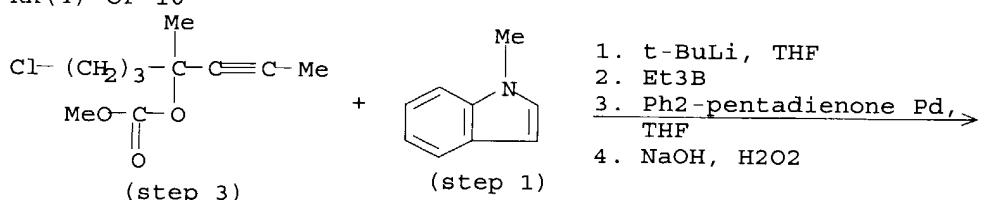
RX(1) OF 17



REF: PCT Int. Appl., 2001081305, 01 Nov 2001
NOTE: green chem. - reactant

L2 ANSWER 6 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

RX(4) OF 10

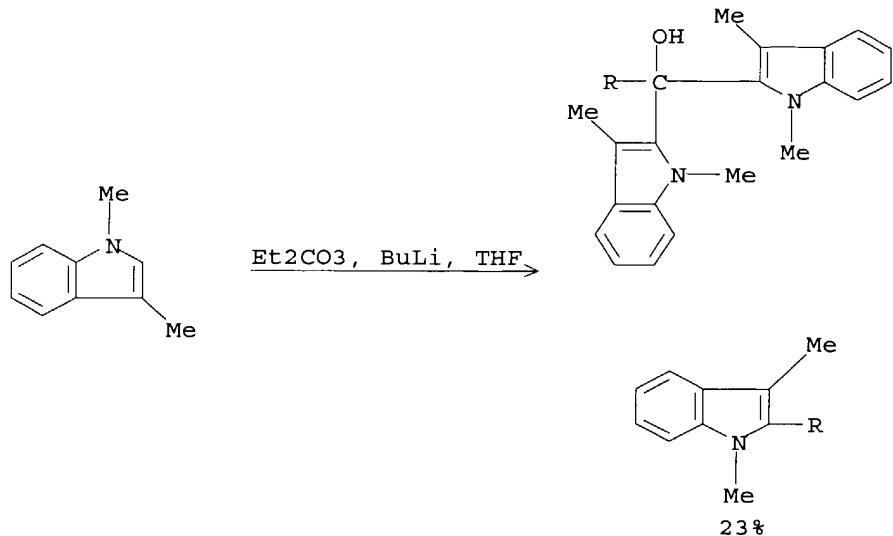


REF: Tetrahedron, 54(46), 13929-13942; 1998
NOTE: regioselective

L2 ANSWER 7 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

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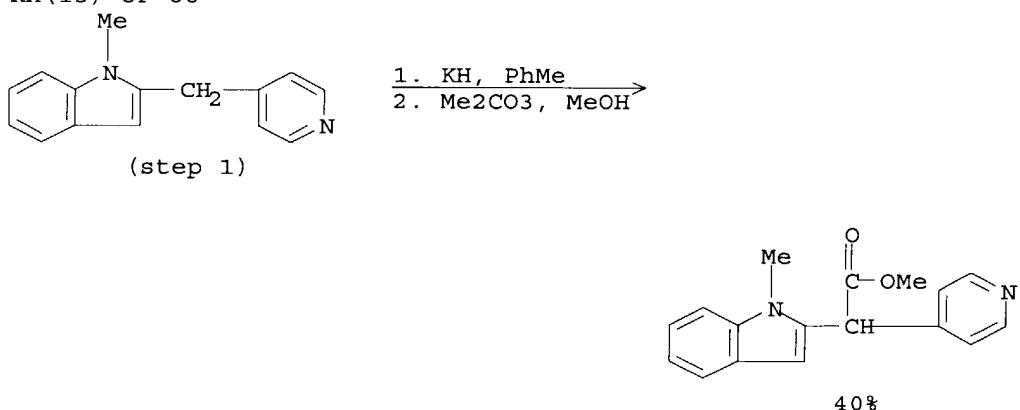
RX(1) OF 1



REF: Bulletin des Societes Chimiques Belges, 98(1), 73-6; 1989

L2 ANSWER 8 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

RX(15) OF 66



REF: Tetrahedron, 43(11), 2513-22; 1987

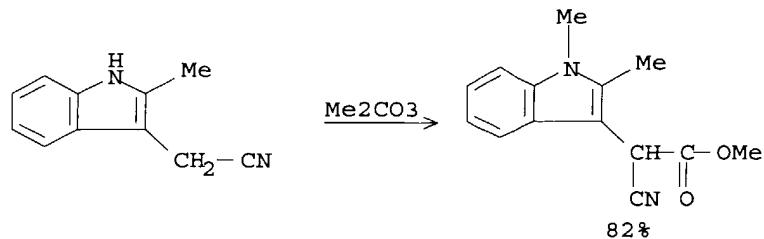
L2 ANSWER 9 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

L2 ANSWER 10 OF 10 CASREACT COPYRIGHT 2004 ACS on STN

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RX(3) OF 21



REF: Khimiya Geterotsiklichesikh Soedinenii, (3), 372-6; 1981